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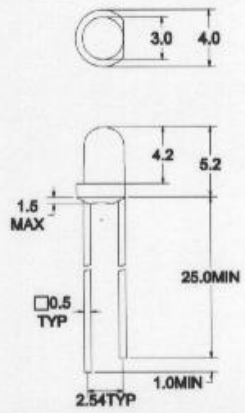
**Jameco Part Number 206498**

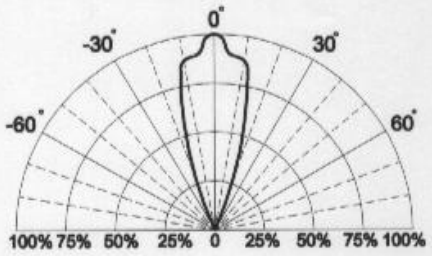
## LIGITEK

**SUPER BRIGHT ROUND TYPE LED LAMPS** — **LVX2041** — **SERIES**

*Package Dimension*




*Directivity Radiation*




Note:1.All dimension are in millimeter tolerance is ± 0.25mm unless otherwise noted
2.specifications are subject to change without notice

• Part Selection And Application Information (Ratings At 25℃ Ambient)

| PART NO | MATERIAL | COLOR | | Peak wave length λ Pnm | Spectral halfwidth △λ nm | Forward voltage @20mA(v) | | Luminous intensity @20mA(mcd) | | Viewing angle 2θ 1/2 (deg) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | *Emitted* | *Lens* | | | Min | Max | Min | Typ | |
| LSR2041 | GaAlAs | Red | Red Transparent | 660 | 20 | 1.5 | 2.4 | 120 | 220 | 30 |
| LHR2041 | GaAlAs | Red | Red Transparent | 660 | 20 | 1.5 | 2.4 | 220 | 350 | 30 |
| LUR2041 | GaAlAs | Red | Red Transparent | 660 | 20 | 1.5 | 2.4 | 550 | 900 | 30 |
| LVG2041 | GaP | Green | Green Transparent | 565 | 30 | 1.7 | 2.8 | 120 | 220 | 30 |
| | | | | Dominant wave length λ Dnm | | | | | | |
| LVY2041 | AlGaInP | Yellow | Yellow Transparent | 595 | 15 | 1.7 | 2.8 | 300 | 450 | 30 |

• Absolute Maximun Rating (Ta=25℃)

| PARAMETER | RED | | | GREEN | | YELLOW | | | ORANGE | | UNIT | REMARK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | SR | HR | UR | | VG | | | VY | | | | |
| Forward Current | 40 | 40 | 40 | | 30 | | | 30 | | | mA | |
| Peak Forward Current Duty 1/10@1KHz | 200 | 200 | 200 | | 120 | | | 200 | | | mA | |
| Power Dissipation | 80 | | | 100 | | | 60 | | | | mW | |
| Reverse Current @5v | 10 | | | 10 | | 10 | | | | | μA | |
| Operating Temperature | -40℃ TO +85℃ | | | | | | | | | | | |
| Storage Temperature | -40℃ TO +100℃ | | | | | | | | | | | |

Lead Soldering Temperature 260℃ For 5 Seconds(2.0mm From Body)

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